

Amendments to the Claims

1. (Currently Amended) A granting method ~~(E)~~ to grant a modification device ~~(5)~~ a modification right to modify an application in a data carrier ~~(S)~~, wherein the following steps are carried out:

generation of a first key information item ~~(K1)~~ and of an associated second key information item ~~(K2)~~ for one or more data carriers ~~(S)~~ identified by a data carrier identification information item ~~(ID)~~;

granting of the modification right for data carriers ~~(S)~~ identified by the data carrier identification information item ~~(ID)~~ by outputting of the data carrier identification information item ~~(ID)~~ and of the associated second key information item ~~(K2)~~ to the modification device ~~(5)~~;

checking of the association of the first key information item ~~(K1)~~ stored in the data carrier ~~(S)~~ with the second key information item ~~(K2)~~ in the data carrier ~~(S)~~ that was output to the data carrier ~~(S)~~ by the modification device ~~(5)~~ and, if the result of the check is positive;

allowing of the modification of the application ~~(A1, A2, A3, A4)~~ in the data carrier ~~(S)~~ by the modification device ~~(5)~~.

2. (Currently Amended) A granting method ~~(E)~~ as claimed in claim 1, wherein the modification right gives the right to install and/or update and/or delete the application ~~(A1, A2, A3, A4)~~ in the data carrier ~~(S)~~.

3. (Currently Amended) A granting method ~~(E)~~ as claimed in claim 1, wherein the modification right only gives the right to modify a specific application ~~(A1, A2, A3, A4)~~ in the data carrier ~~(S)~~.

4. (Currently Amended) A granting method ~~(E)~~ as claimed in claim 1, wherein the modification right only gives the right to install an application ~~(A1, A2, A3, A4)~~ requiring a predefined maximum amount of storage space in the data carrier ~~(S)~~.

5. (Currently Amended) A granting method (~~E~~) as claimed in claim 1, wherein the data carrier identification information item (~~ID~~) identifies a group of data carriers (~~S~~).
6. (Currently Amended) A granting method (~~E~~) as claimed in claim 1, wherein the modification right also determines the access rights of the application (~~A1, A2, A3, A4~~) that is to be modified in the data carrier (~~S~~) to storage areas and interfaces (~~3, 4, 11~~) of the data carrier (~~S~~).
7. (Currently Amended) A granting method (~~E~~) as claimed in claim 1, wherein the following further steps are carried out:
generation of a first master key information item (~~MKI1~~) and of an associated second master key information item (~~MKI2~~) for one or more data carriers (~~S~~) identified by a data carrier identification information item (~~ID~~), wherein the modification of access rights in the data carrier (~~S~~) and/or the generation of further key information items in the data carrier (~~S~~) and the modification device (~~S~~) is possible only with the first master key information item (~~MKI1~~) stored in the data carrier (~~S~~) and only with the second master key information item (~~MKI2~~) stored in the modification device (~~S~~).
8. (Currently Amended) A granting method (~~E~~) as claimed in claim 7, wherein the first master key information item (~~MKI1~~) and the associated second master key information item (~~MKI2~~) only make it possible to modify access rights of a specific application (~~A1, A2, A3, A4~~) in the data carrier (~~S~~) and/or to generate further key information items in the data carrier (~~S~~) and the modification device (~~S~~) in order to modify a specific application (~~A1, A2, A3, A4~~).
9. (Currently Amended) A granting method (~~E~~) as claimed in claim 1, wherein modification of the application (~~A1, A2, A3, A4~~) in the data carrier (~~S~~) by the modification device (~~S~~) of the data carrier (~~S~~) is only permitted when specific properties of the application (~~A1, A2, A3, A4~~) that is to be modified are determined.

10. (Currently Amended) A data carrier (~~S~~) for running at least one application (~~A1, A2, A3, A4~~), having

at least one interface (~~3, 4, 11~~) for the contactless and/or contact communication of information items, and having

computer means (~~6~~) for running the at least one application (~~A1, A2, A3, A4~~), where information items communicated via the interfaces (~~3, 4, 11~~) or information items stored in the data carrier (~~S~~) are processed, and having

storage means (~~8~~) for storing a first key information item and an associated data carrier identification information item (~~ID~~) that identifies the data carrier (~~S~~), and having

checking means (~~6, AS~~) for checking a modification right of a modification device (~~5~~) to modify an application (~~A1, A2, A3, A4~~) in the data carrier (~~S~~) via the interface (~~3, 4, 11~~), where the checking means (~~6, AS~~) are designed to check the association of the first key information item (~~K1~~) stored in the storage means (~~8~~) with the second key information item (~~K2~~) output to the data carrier (~~S~~) by the modification device (~~5~~), and having

modification means (~~6~~) which, following confirmation of the modification right of the modification device (~~5~~) by the checking means (~~6, AS~~), are designed to enable modification of the application (~~A1, A2, A3, A4~~) in the data carrier (~~S~~) by the modification device (~~5~~).

11. (Currently Amended) A data carrier (~~S~~) as claimed in claim 10, wherein the checking means (~~6, AS~~) are designed to confirm a restricted modification right which only gives the right to install and/or update and/or delete the application (~~A1, A2, A3, A4~~) in the data carrier (~~S~~).

12. (Currently Amended) A data carrier (~~S~~) as claimed in claim 10, wherein the checking means (~~6, AS~~) are designed to confirm a restricted modification right which only gives the right to modify a specific application (~~A1, A2, A3, A4~~) in the data carrier (~~S~~).

13. (Currently Amended) A data carrier (~~S~~) as claimed in claim 10, wherein the checking means (~~6, AS~~) are designed to confirm a restricted modification right which

only gives the right to install an application (~~A1, A2, A3, A4~~) requiring a predefined maximum amount of storage space in the data carrier (~~S~~).

14. (Currently Amended) A data carrier (~~S~~) as claimed in claim 10, wherein the checking means (~~6, AS~~) are designed to confirm a modification right which determines the access rights of the application (~~A1, A2, A3, A4~~) that is to be modified in the data carrier (~~S~~) to storage areas of the storage means (~~7~~) and interfaces (~~3, 4, 11~~) of the data carrier (~~S~~).

15. (Currently Amended) A data carrier (~~S~~) as claimed in claim 10, wherein the computer means (~~6~~) are designed to run an application (~~A1, A2, A3, A4~~) formed by a Java applet.

16. (Currently Amended) A modification device (~~5~~) for modifying an application (~~A1, A2, A3, A4~~) in a data carrier (~~S~~), having

at least one interface (~~12~~) for the contactless and/or contact communication of information items to a data carrier (~~S~~) identified by a data carrier identification information item (~~ID~~), and having

storage means for storing at least one data carrier identification information item (~~ID~~) that identifies a data carrier (~~S~~), and an associated second key information item (~~K2~~), and having

computer means (~~13~~) for modifying applications (~~A1, A2, A3, A4~~) in data carriers (~~S~~) via the interface (~~12~~) where, in the course of communication with a data carrier (~~S~~) identified by a stored data carrier identification information item (~~ID~~), the modification right of the modification device (~~5~~) is output to the data carrier (~~S~~) by communication of the second key information item (~~K2~~) associated with this data carrier identification information item (~~ID~~), whereupon, following confirmation of the modification right by the data carrier (~~S~~), the modification device (~~5~~) is authorized and designed to modify the application (~~A1, A2, A3, A4~~) in the data carrier (~~S~~).

17. (Currently Amended) A modification device (~~5~~) as claimed in claim 16, wherein the modification device (~~5~~) is formed by an operator computer (~~10~~) containing the storage means and by a reading device (~~2~~) that is connected to the

operator computer ~~(10)~~ over a data network ~~(NET)~~, the reading device ~~(2)~~ comprising
the at least one interface ~~(12)~~ and at least part of the computer means ~~(13)~~ of the
modification device ~~(5)~~.